

EFW #

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): BINH Thanh NGUYEN

Docket No.

DC10001 PCT1

Application No.

10/585155 ✓

Filing Date

29/JUN/2006

Examiner

Nwaonicha, C.

Customer No.

00137

Group Art Unit

1621



Invention: Grignard Processes With Increased Content Of Diphenylchlorosilanes

I hereby certify that this Supl. IDS; PTO-1449 (6 pages); citations; postcard

*(Identify type of correspondence)*

is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

8-10-07

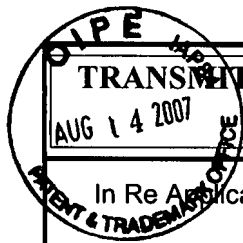
*(Date)*

Kelly Smith

*(Typed or Printed Name of Person Mailing Correspondence)*

Kelly Smith  
*(Signature of Person Mailing Correspondence)*

**Note: Each paper must have its own certificate of mailing.**



## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
DC10001 PCT 1

In Re Application:

NGUYEN

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/585155		NWAONICHA, C.	00137	1621	

Title: GRIGNARD PROCESSES WITH INCREASED CONTENT OF DIPHENYLCHLOROSILANES

## Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1520 as described below.
- ☒ Charge the amount of \$180.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

## Certificate of Transmission by Facsimile\*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)
_____ (Date)
_____ Signature
_____ Typed or Printed Name of Person Signing Certificate

## Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a) <u>08-10-07</u> ]
_____ (Date)
<u>Kelly Smith</u> Signature of Person Mailing Correspondence
Kelly Smith Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

Patricia M Scaduto

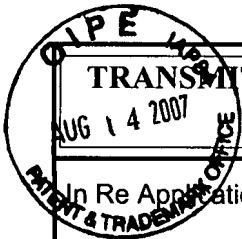
Signature

Patricia M. Scaduto, Reg. No. 39,827  
Phone: 989-496-6925  
Mail Number C01232  
2200 W. Salzburg Road  
P.O. Box 994  
Midland, MI 48686-0994  
UNITED STATES OF AMERICA

Dated: August 9, 2007

08/15/2007 WASFAW1 00000004 041520 10585155  
01 FC:1806 180.00 DA

CC:



**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
DC10001 PCT 1

In Re Application Of:

NGUYEN

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/585155	06/29/2006	NWAONICHA, C.	00137	1621	8212

Title: GRIGNARD PROCESSES WITH INCREASED CONTENT OF DIPHENYLCHLOROSILANES

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☒ the fee set forth in 37 CFR 1.17(p).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

Application Number	10/585155
Filing Date	06/29/2006
First Named Inventor	NGUYEN
Art Unit	
Examiner Name	
Attorney Docket Number	DC10001 PCT 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,606,088	02-25-1997	BANK et al.	
		US- 5,629,439	05-13-1997	BANK et al.	
		US- 2005/0068475	03-31-2005	KUME et al.	
		US- 2005/0068476	03-31-2005	OKABE	
		US- 6,686,492	02-02-2004	NGUYEN	
		US- 6,552,237	04-22-2003	BEDBURY et al.	
		US- 4,593,112	06-03-1986	TAKAMIZAWA et al.	
		US- 5,596,120	01-21-1997	BANK et al.	
		US- 4,687,874	08-18-1987	OSWALD et al.	
		US- 3,485,863	12-23-1969	NUTZEL et al.	
		US- 3,264,360	08-02-1966	NUDENBERG, et al.	
		US- 3,140,321	07-07-1964	GOEPFERT et al.	
		US- 4,127,507	11-28-1978	FANNIN et al.	
		US- 4,921,989	05-01-1990	ISHIHARA et al.	
		US- 5,242,625	09-07-1993	JONES et al.	
		US- 6,057,480	05-02-2000	UENO et al.	
		US- 2,426,122	08-19-1947	RUST et al.	
		US- 5,099,040	03-24-1992	ROSEN et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0729931	08/19/1998	Dow Corning Corporation		
		WO 03/106465	12/24/2003	Dow Corning Corporation		
		WO 05/068475	07/28/2005	Dow Corning Corporation		
		WO 05/068476	07/28/2005	Dow Corning Corporation		
		WO 03/084970	10/16/2003	Dow Corning Corporation		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 2

2

Q

6

**Complete if Known**

Application Number	10/585155
--------------------	-----------

10/585155

Filing Date	06/29/2006
-------------	------------

06/29/2006

First Named Inventor	NGUYEN
----------------------	--------

NGUYEN

Art Unit

Examiner Name

Attorney Docket Number	DC10001 PCT 1
------------------------	---------------

DC10001 PCT 1

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		JP 08333374	12/17/1996	Nitto Kasei Co. Ltd.		
		GB 1120150	07/17/1968	Farbenfabriken Bayer Aktiengesellschaft		
		WO 03/084967	10/16/2003	Dow Corning Corporation		
		GB 657704	09/26/1951	Monsanto Chemicals Limited		
		JP 08-245641	09/24/1996	Nitto Kasei Co. Ltd.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 6

**Complete if Known**

Application Number	10/585155
Filing Date	06/29/2006
First Named Inventor	NGUYEN
Art Unit	
Examiner Name	
Attorney Docket Number	DC10001 PCT 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		SU477626	08/15/1985	Vavilov et al.		
		DD243028	02/18/1987	Nuenchritz Chemie		
		DD243031	02/18/1987	Nuenchritz Chemie		
		GB622970	01/27/1947	The Dow Chemical Company		
		WO 06/083665	08/10/2006	Dow Corning Corporation		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/585155
				Filing Date	06/29/2006
				First Named Inventor	NGUYEN
				Art Unit	
				Examiner Name	
Sheet	5	of	6	Attorney Docket Number	DC10001 PCT1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		Semenov V. V. et al., Reactions of Methylchlorosilanes with Grignard Reagents, Russian Chemical Bulletin, vol. 44, no. 5, 1995, pp. 927-30.		
		KUNAI, A. et al.: "Highly selective synthesis of chlorosilanes from hydrosilanes", ORGANOMETALLICS, 11(7), pages 2708-2711, 1992, XP009068024.		
		HYDE, J. F. et al: "Condensation products of the organo-silane diols", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 63(5), May 1941, pages 1194-1196, XP009068013.		
		Tuulmets, et al., Partially Solanted Alkylmagnesium Chlorides in Toluene, Jur. Of Organometallic Chem., vol. 523, 18 October 1996, pp. 133-138.		
		Tuulmets, et al., Solvation Effects in Partially Solvated Grignard Reagents, Jour. Of Organometallic Chem., vol. 575 (1999) pp. 182-186.		
		Coates et al., Organomethallic Compounds, vol. 1, pp. 76-103, 1967, Methuen and Co. Ltd, London, U.K.		
		Kirk/Orthmer, Encyclopedia of Chemical Technology, Vol. 10, 721-734 (1966) The interscience Enclyclopedia, Inc., NY NY		
		Turk, et al., Organic Systhesis, vol. 27, 7-8 (1947).		
		Tuulmets A. et al., Grignard Reagents in Toulene Solutions, Applied Organometallic Chemistry, Vol. 16, 23 July 2002, pp. 525-529		
		Tuulmets A. et al., Reactions of partially solvated Grignard reagents with a ketone, Journal of Organometallic Chemistry Elsevier-Sequoia S.A. Lausanne, CH, vol. 586, no. 2, 5 September 1999 pp. 145-149.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <h1>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/585155
				Filing Date	06/29/2006
				First Named Inventor	NGUYEN
				Art Unit	
				Examiner Name	
				Attorney Docket Number	DC10001 PCT 1
Sheet	6	of	6		

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*